FORM PTO-1449
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.
114596-20-4009

APPLICANT
John S. Yates, Jr., et al.

ATTY. DOCKET NO.
114596-20-4009

APPLICANT
John S. Yates, Jr., et al.

	Ise several sheets if necessary)	November 4, 1999			Technology Cente
NAMADERA	The state of the s	DOCUMENTS			FILING DATE
TAL.	CUMENT NUMBER DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
an	4,412,303 10/25/1983	Barnes	712	16	Oct. 25, 1983
	4,636,940 01/1987	Goodwin	717	128	Dec. 20, 1985
	4,750,112 06/07/1988	Jones	364	200	Feb. 10, 1984
	5,043,878 08/1991	Ooi	712	42	
	5,127,092 06/30/1992	Gupta	712	234	Jun. 15, 1989
	5,168,557 12/01/1992	Shibuya	712	207	Sep. 21, 1989
	5,241,638 08/31/1993	Mork	711	207	Aug. 12, 1995
	5,339,422 8/16/1994	Brender	714	4	Mar. 7, 1991
	5,355,487 11/11/1994	Keller	717	127	Jul. 23, 1993
	5,386,563 01/31/1995	Thomas	712	228	Oct. 13, 1992
	5,404,476 04/04/1995	Kadaira	711	207	Mar. 9, 1993
	5,479,616 12/26/1995	Garibay	712	212	Apr. 3, 1992
	5,483,647 01/09/1996	Yu	713	100	Dec. 17, 1992
	5,487,156 01/23/1996	Popsescu	712	217	Dec. 5, 1990
	5,507,028 04/09/1996	Liu	395	375	Jan. 9, 1995
1	5,560,013 09/24/1996	Scalzi	717	138	Dec. 6, 1994
	5,574,929 11/12/1996	Pieterse	712	30	Jun. 30, 1994
	5,590,309 12/31/1996	Chencinski	395	472	Apr. 1, 1994
	5,613,114 3/1997	Anderson	718	108	
	5,613,118 03/18/1997	Heisch	395	709	Jun. 20, 1994
	5,625,835 4/1997	Ebcioglu	712	23	<u></u>
	5,657,474 08/12/1997	Taine	711	163	Nov. 20, 1995
	5,659,782 08/19/1997	Senter	712	23	Sep. 16, 1994
111	5,673,407 09/30/1997	Poland	395	375	Mar. 8, 1994
1	5,732,238 03/24/1998	Sarkozy	711	135	Jun. 12, 1996
111	5,742,780 04/21/1988	Caulk	395	382	Jan. 16, 1997
111	5,764,947 06/09/1998	Murphy	703	20	Mar. 2, 1994
	5,768,500 6/16/1998	Agrawal	714	47	Jun. 20, 1994
+ +	5,781,758 07/14/1998	Morley	395	500	Mar. 23, 1995
111	5,802,337 09/01/1998	Fielden	712	216	Dec. 29, 1995
 					Sep. 23, 1996
₩					Dec. 6, 1995
MINER	5,805,877 09/08/1998 5,812,864 09/22/1998	Black McCoy TE CONSIDER		395 703 RED	395 586 703 26

RECEIVED ATTY. DOCKET NO. SERIAL NO. **FORM PTO-1449** U.S. DEPARTMENT OF COMMERCE 114596-20-4009 09/434,394 PATENT AND TRADEMARK OFFICE APPLICANT AUG 1 6 2004 INFORMATION DISCLOSURE CITATION John S. Yates, Jr., et al. GROUP ART UNTECHNOLOGY Center 2100 (Use several sheets if necessary) FILING DATE November 4, 1999 2122 U.S. PATENT DOCUMENTS FILING DATE DOCUMENT NUMBER SUBCLASS DATE NAME CLASS 5,815,720 9/29/1998 717 Mar. 15, 1996 Buzbee 158 5,819,064 10/06/1998 Razdan 703 27 Nov. 8, 1995 Goetz 5,854,913 12/29/1998 712 210 Jun. 10, 1997 5,864,697 01/26/1999 Shiell 712 240 Jun. 27, 1997 5,870,763 707 202 Mar. 10, 1997 02/09/1999 Lomet Yeh 712 5,903,750 05/11/1999 236 Nov. 20, 1996 5,903,751 05/11/1999 Hoyt 395 585 Sep. 16, 1997 5,911,073 06/08/1999 Mattson 395 701 Dec. 23, 1997 5,941,827 02/1996 Holtey 711 Jan. 14, 1994 163 5,960,198 717 09/28/1999 Roediger 130 Mar. 19, 1997 5,966,537 Ravichandran 10/1999 717 158 5,968,162 Yard 10/19/1999 712 203 Apr. 2, 1996 5,983,335 11/09/1999 Dwyer 712 23 Apr. 30, 1997 6.002,872 12/14/1999 Alexander 717 127 Mar. 31, 1998 6,006,033 12/21/1999 Heisch 717 158 Aug. 15, 1994 6,006,277 12/21/1999 Talati 709 313 Jan. 26, 1996 6,021,484 02/01/2000 Park 712 41 Nov. 14, 1997 6,029,222 02/22/2000 Kamiya 710 262 Jan. 10, 1997 6,044,220 03/28/2000 **Breternitz** 717 139 Feb. 25, 1997 6,047,363 04/2000 Lewchuk 711 213 Oct. 14, 1997 6,047,390 04/2000 **Butt** 714 43 6,052,771 4/18/2000/ Heller 712 34 Jan. 20, 1998 6,061,711 05/2000 Song 718 108 06/2000 6,071,317 Nagel 717 128 6.076,144 6/13/2000 Peled 711 125 Dec. 1, 1997 6,092,188 07/18/2000 Corwin 712 239 Jul. 7, 1999 6,115,809 09/05/2000 Mattson 712 239 Apr. 30, 1998 6,119,204 9/12/2000 711 141 Jun. 30, 1998 Chang 6,119,218 9/2000 Arora 712 207 6,141,683 10/31/2000 Kraml 709 220 Jan. 30, 1998 6,195,748 02/27/2001 712 Chrysos 227 Nov. 26, 1997

DATE CONSIDERED

EXAMINER

RMLPTO-1449

U.S. DEPARTMENT OF COMMERCE INFORMATION DISCLOSURE CITATION

(Use several share? PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. SERIAL NO. 114596-20-4009 09/434,394 APPLICANT

AUG 1 6 2004

John S. Yates, Jr., et al. GROUP ART UNIT Technology Center 2100 FILING DATE 2122 November 4, 1999

ANTRER INITIAL		U.S. PAT	ENT DOCUMENTS			
MAINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Yan	6,202,205	03/13/2001	Saboff	717	9	Jul. 21, 1998
/	6,205,545	03/20/2001	Shah	712	237	Apr. 30, 1998
	6,212,493	04/03/2001	Huggins	703	22	Dec. 1, 1998
	6,233,678	05/15/2001	Bala	712	240	Nov. 5, 1998
	6,237,074	05/22/2001	Phillips	711	213	May 26, 1995
	6,243,804	06/05/2001	Cheng	712	228	Jul. 22, 1998
	6,256,728	07/03/2001	Witt	712	236	Jul. 6, 1998
1	6,260,191	07/10/2001	Santhanam	717	9	Apr. 7, 1997
	6,289,445	09/2001	Ekner	712	244	
	6,295,644	09/25/2001	Hsu	717	9	Aug. 17, 1999
	6,298,477	10/02/2001	Kessler	717	145	Oct. 30, 1998
	6,304,948	10/16/2001	Motoyama	711	162	Oct. 6, 1998
	6,308,318	10/23/2001	Krishnaswamy	717	139	Oct. 7, 1998
	6,308,321	10/23/2001	Schooler	717	132	Dec. 11, 1998
	6,336,135	01/01/2002	Niblett	709	215	Nov. 19, 1998
	6,351,844	2/26/2002	Bala	717	128	Nov. 5, 1998
	6,353,924	03/05/2002	Ayers	717	128	Feb. 8, 1999
	6,363,336	03/26/2002	Banning	703	26	Oct. 13, 1999
	6,374,367	03/26/2002	Dean	714	37	Nov. 26, 1997
	6,381,628	04/30/2002	Hunt	709	201	Nov. 20, 1998
	6,381,735	04/30/2002	Hunt	717	158	Nov. 20, 1998
	6,453,292	09/17/2002	Ramaswamy	704	235	Oct. 28, 1998
	6,470,442	10/22/2002	Arimilli	712	32	Jul. 30, 1999
	6,473,846	10/29/2002	Melchior	711	170	Jun. 16, 2000
	6,481,007	11/2002	Iyer	717	151	
	6,496,923	12/17/2002	Gruner	712	213	Dec. 17, 1999
	6,549,930	04/15/2003	Chrysos	709	104	Nov. 26, 1997
	6,557,094	04/29/2003	Pechanek	712	209	Sep. 28, 2001
	6,560,693	05/06/2003	Puzak	712	207	Dec. 10, 1999
	6,571,331	05/27/2003	Непгу	712	239	Apr. 3, 2001
7	6,591,414	07/08/2003	Hibi	717	151	Oct. 3, 1997

ATTY, DOCKET NO. SERIAL NO 09/434,394 RECEIVED **FORM PTO-1449** U.S. DEPARTMENT OF COMMERCE 114596-20-4009 PATENT AND TRADEMARK OFFICE APPLICANT FORMATION DISCLOSURE CITATION AUG 1 6 2004 John S. Yates, Jr., et al. (Use several sheets if necessary) FILING DATE GROUP ART UNIT Technology Center 2100 November 4, 1999 2122 U.S. PATENT DOCUMENTS FILING DATE DOCUMENT NUMBER DATE NAME CLASS SUBCLASS 6:631.514 10/07/2003 Le 717 137 10/07/2003 **Bortnikov** 158 Mar. 19, 1997 6,631,518 717 239 Mar. 30, 2000 6,678,820 01/2004 Kahle 712 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.) Ammons, Ball and Larus: Exploiting Hardware Performance Counters with Flow and Context Sensitive Profiling, Proceedings of the ACM SIGPLAN 1997 Conference on Programming Language Design and Implementation, pp. 85-96 (1997) Brad Calder, Peter Feller, Alan Eustace, Value Profiling, Proceedings of 30th International Symposium on Microarchitecture (Micro-30), IEEE, pages 259-269 (December 1-3, 1997) Compaq Computer Corp., Compiler Writer's Guide for the Alpha 21264 (1999) www.alphalinux.org/archives/axp-list/June1999/0475.html Dean, ProfileMe: Hardware Support for Instruction-Level Profiling on Out-of-Order Processors," IEEE 1997, pp. 292-302 Reiner W. Hartenstein, Jürgen Becker: Performance Analysis in CoDe-X Partitioning for Structural Programmable Accelerators; Proc. of 5th Int'l Workshop on Hardware/Software Co-Design CODES/CASHE '97, Braunschweig, Germany, p. 141 (March 1997) Hollingsworth, Critical Path Profiling of Message Passing and Shared-Memory Programs, IEEE Transactions on Parallel and Distributed Systems vol. 9, no. 10, pp. 1029-1040 (October 1998) Intel Corporation, Intel Processor Family Developer's Manual (1997), pages 1-1 to 1-6, 2-1 to 2-20 Intel Corporation, Intel Processor Family Developer's Manual (1997), vol. 3 (Architecture and Programming Manual), pages 3-1 to 3-3, 3-10 to 3-13, 12-1 to 12-27, 14-1 to 14-30 Jones, Puzzling with Microcode, ACM SIGARCH Computer Architecture News, vol. 11, no. 5, pp. 8-12 (1983) Kavi et al., A Performability Model for Soft Real-Time Systems, IEEE Proceedings of the 27th Annual Hawaii International Conference on System Sciences, pp. 571-579 (1994) Kim and Tyson: Analyzing the Working Set Characteristics of Branch Execution, Proceedings of the 31st Annual ACM/IEEE International Symposium on Microarchitecture, pp. 49-58 (Dec. 1998) Monica S. Lam, Robert P. Wilson, Limits of Control flow on Parallelism, Proceedings of the 19th Annual International Symposium on Computer Architecture, p.46-57 (May 1992) Larus and Schnarr: EEL: Machine-Independent Executable Editing, EEL: Machine-independent executable editing. In Proceedings of the ACM SIGPLAN Conference on Programming Language Design and Implementation (PLDI), 1995 **EXAMINER DATE CONSIDERED** 12/23/04

Sheet 5 of 5 ATTORNEY DOCKET NO. SERIAL NO. U.S. DEPARTMENT OF COMMERCE 114596-20-4009 09/434,394 PATENT AND TRADEMARK OFFICE APPLICANT INFORMATION DISCLOSURE CITATION John S. Yates, Jr., et al. FILING DATE GROUP ART UNIT (Use several sheets if necessary) 2122 November 4, 1999 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.) M. Lipasti and J. Shen. Exceeding the Data-Flow Limit Via Value Prediction, 29th International WOAN Symposium on Microarchitecture, pages 226-237, IEEE (Dec. 1996) Magnusson and Werner, Efficient Memory Simulation in SimICS, Proceedings of the 28th Annual Simulation Symposium, IEEE, pp. 62-73 (1995. Mueller, Rustagi and Baker: MiThOS - A Real-Time Micro-Kernel Threads Operating System, IEEE Real-Time Systems Symposium 1995: pp. 49-55 (1995) Park et al., Evaluation of Scheduling Techniques on a SPARC-Based VLIW Testbed, Proceedings of the 30th annual ACM/IEEE international symposium on Microarchitecture, pp. 104-113 (1997) Parkinson and Parameswaran, Profiling in the ASP Codesign Environment, Proceedings of the 8th International Symposium on System Synthesis, Cannes, France, p.128-133 (Sept. 1995) Rizvi et al., Execution-Driven Simulation of a Superscalar Processor, IEEE Proceedings of the 27th Annual Hawaii International Conference on System Sciences, pp. 185-194 (1994) Veen: Dataflow Machine Architecture, ACM Computing Surveys vol. 18 no. 4 pp. 365-96 (December 1986) **HECEIVED** AUG 1 6 2004 Technology Center 2100

DATE CONSIDERED

12/23/04

EXAMINER

Howardow Centerry Kenyan Bo